Vehicle Information

   HY | ACCENT(RB) | 2013 | ALL | AIRBAG SYSTEM

Additional Information

   User   : Richard R. Ruth, P.E.

   CaseNumber : NHTSA 7497, MC0505

   CrashDate : 11-1-2011

   Part No.   : 95910 - 1R200

   Save on   : Sunday, March 24, 2013, at 13:48:29

   G-EDR Software Version : 1.00

< Event # 1 - 1 >

1 [Delta-V (Longitudinal)]

Delta-V (Longitudinal)
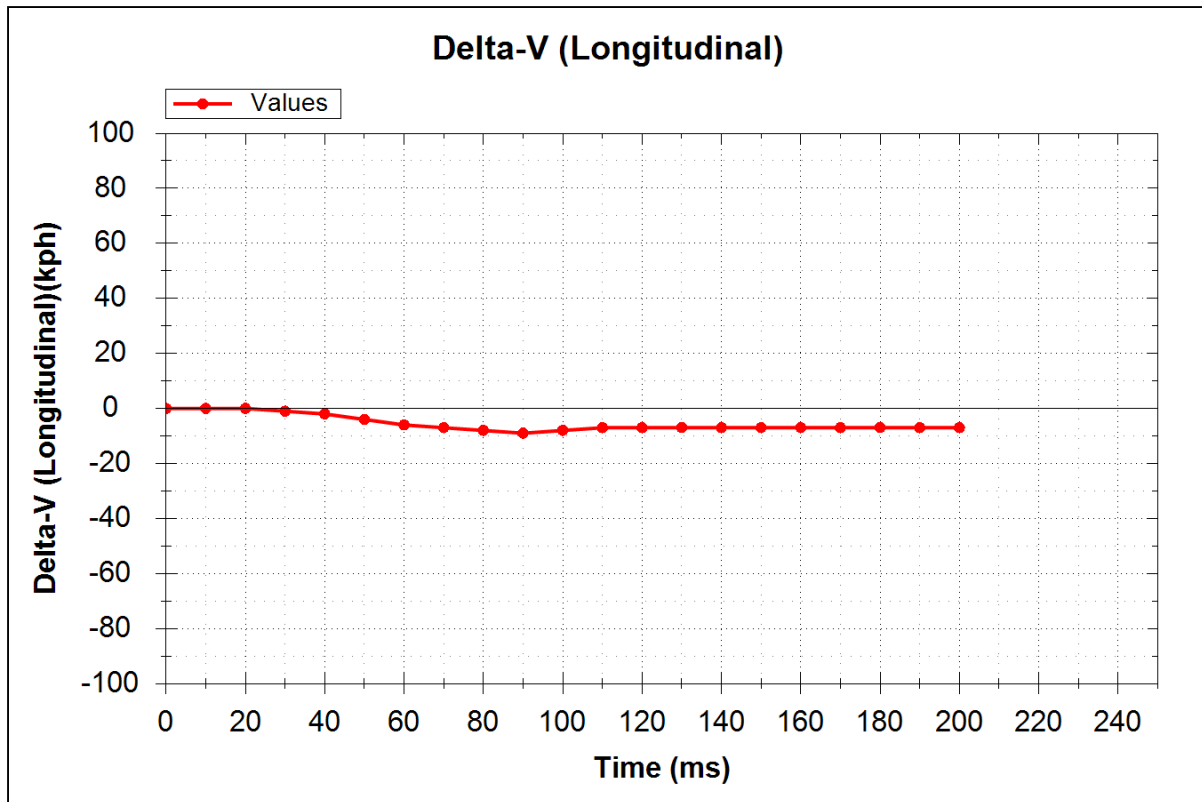
Num	Time (ms)	Delta-V (Longitudinal) (kph)
1	0.0	0
2	10.0	0
3	20.0	0
4	30.0	-1
5	40.0	-2
6	50.0	-4
7	60.0	-6
8	70.0	-7
9	80.0	-8
10	90.0	-9
11	100.0	-8
12	110.0	-7
13	120.0	-7
14	130.0	-7
15	140.0	-7
16	150.0	-7
17	160.0	-7
18	170.0	-7
19	180.0	-7
20	190.0	-7

21	200.0	-7
22	210.0	Invalid data
23	220.0	Invalid data
24	230.0	Invalid data
25	240.0	Invalid data
26	250.0	Invalid data

2 [Max. Delta-V (Longitudinal)]

Num	Max. Delta-V (Longitudinal) (kph)
1	-9

3 [Time_ Max. Delta-V (Longitudinal)]

Num	Time_ Max. Delta-V (Longitudinal) (ms)
1	87.5

4 [Delta-V (Lateral)]
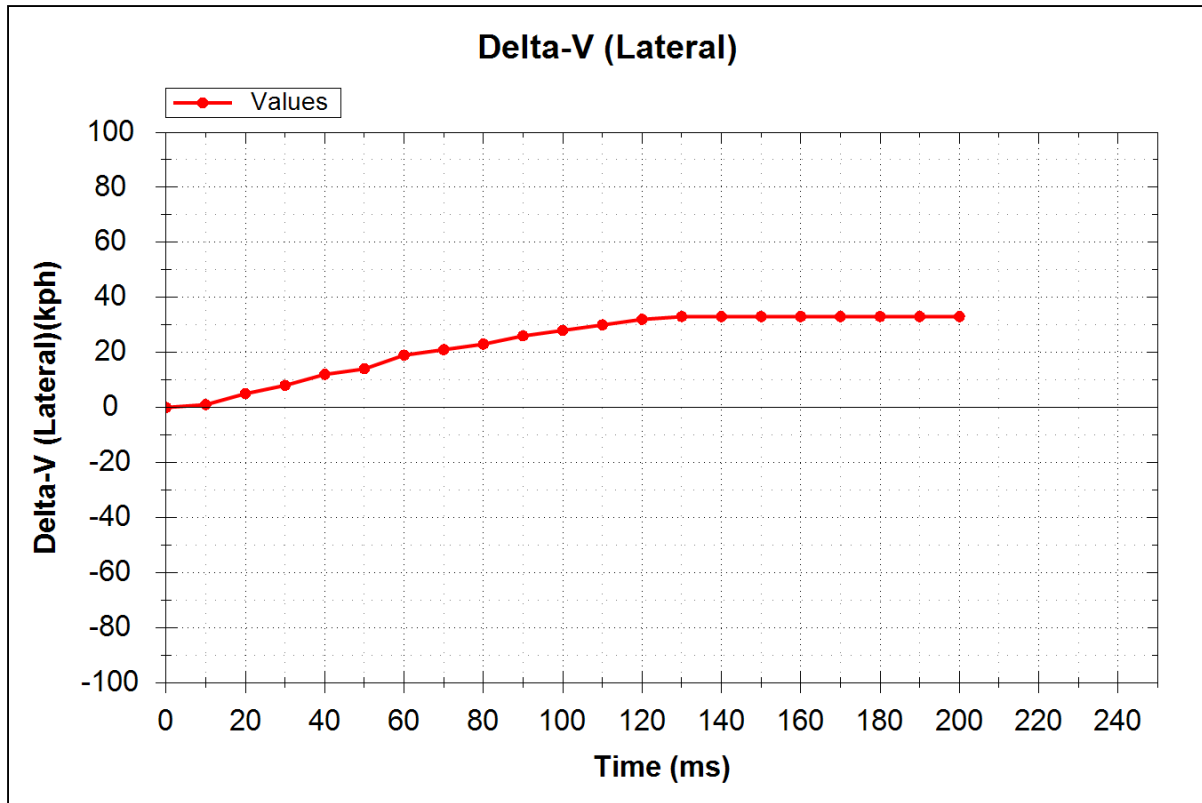
Delta-V (Lateral)

Num	Time (ms)	Delta-V (Lateral) (kph)
1	0.0	0
2	10.0	1
3	20.0	5
4	30.0	8
5	40.0	12
6	50.0	14
7	60.0	19
8	70.0	21
9	80.0	23
10	90.0	26
11	100.0	28
12	110.0	30
13	120.0	32
14	130.0	33
15	140.0	33
16	150.0	33
17	160.0	33
18	170.0	33
19	180.0	33
20	190.0	33
21	200.0	33
22	210.0	Invalid data

23	220.0	Invalid data
24	230.0	Invalid data
25	240.0	Invalid data
26	250.0	Invalid data

5 [Max. Delta-V (Lateral)]

Num	Max. Delta-V (Lateral) (kph)
1	33

6 [Time_ Max. Delta-V (Lateral)]

Num	Time_ Max. Delta-V (Lateral) (ms)
1	175.0

7 [Time_ Max. Delta-V (Resultant)]

Num	Time_ Max. Delta-V (Resultant) (ms)
1	200.0

8 [Vehicle roll angle]
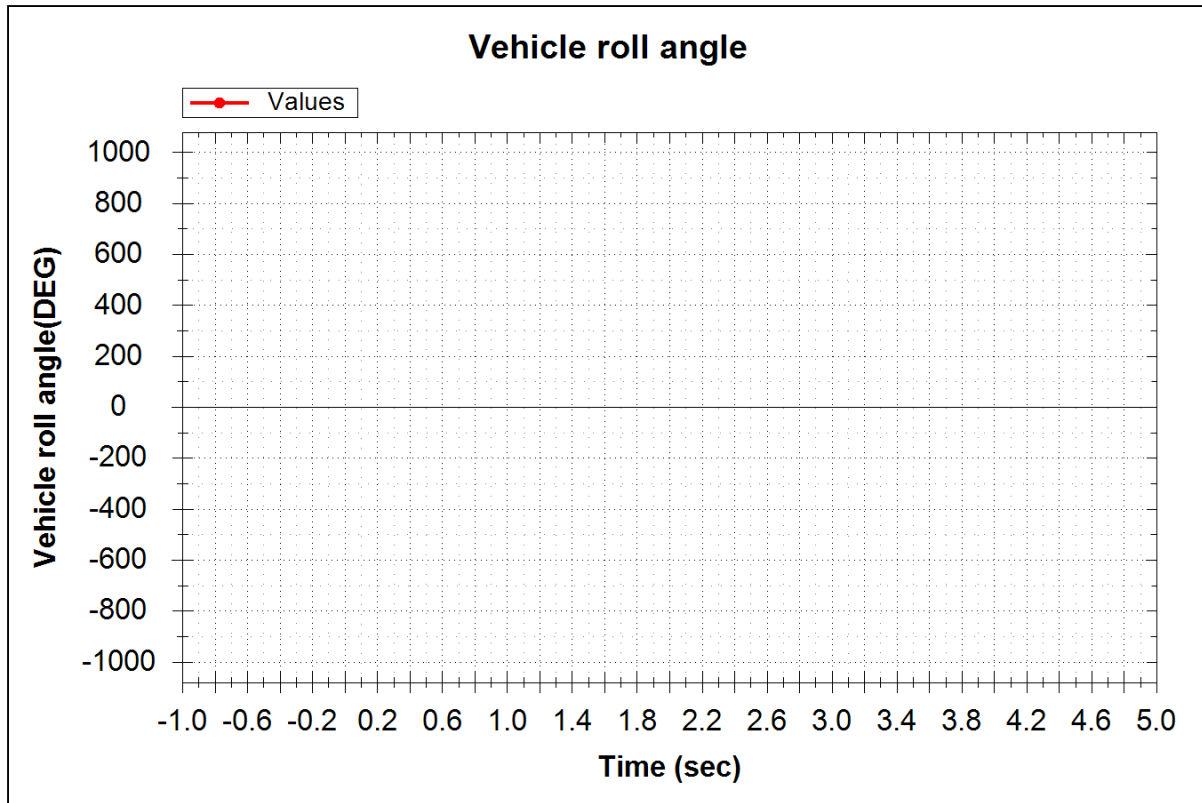
Vehicle roll angle

Num	Time (sec)	Vehicle roll angle (DEG)
1	-1.0	Not supported
2	-0.9	Not supported
3	-0.8	Not supported
4	-0.7	Not supported
5	-0.6	Not supported
6	-0.5	Not supported
7	-0.4	Not supported
8	-0.3	Not supported
9	-0.2	Not supported
10	-0.1	Not supported
11	0.0	Not supported
12	0.1	Not supported
13	0.2	Not supported
14	0.3	Not supported
15	0.4	Not supported
16	0.5	Not supported
17	0.6	Not supported
18	0.7	Not supported
19	0.8	Not supported
20	0.9	Not supported
21	1.0	Not supported
22	1.1	Not supported

23	1.2	Not supported
24	1.3	Not supported
25	1.4	Not supported
26	1.5	Not supported
27	1.6	Not supported
28	1.7	Not supported
29	1.8	Not supported
30	1.9	Not supported
31	2.0	Not supported
32	2.1	Not supported
33	2.2	Not supported
34	2.3	Not supported
35	2.4	Not supported
36	2.5	Not supported
37	2.6	Not supported
38	2.7	Not supported
39	2.8	Not supported
40	2.9	Not supported
41	3.0	Not supported
42	3.1	Not supported
43	3.2	Not supported
44	3.3	Not supported
45	3.4	Not supported
46	3.5	Not supported
47	3.6	Not supported
48	3.7	Not supported
49	3.8	Not supported
50	3.9	Not supported
51	4.0	Not supported
52	4.1	Not supported
53	4.2	Not supported
54	4.3	Not supported
55	4.4	Not supported
56	4.5	Not supported
57	4.6	Not supported
58	4.7	Not supported
59	4.8	Not supported
60	4.9	Not supported
61	5.0	Not supported

< Event # 1 - 2 >

1 [Vehicle Speed]
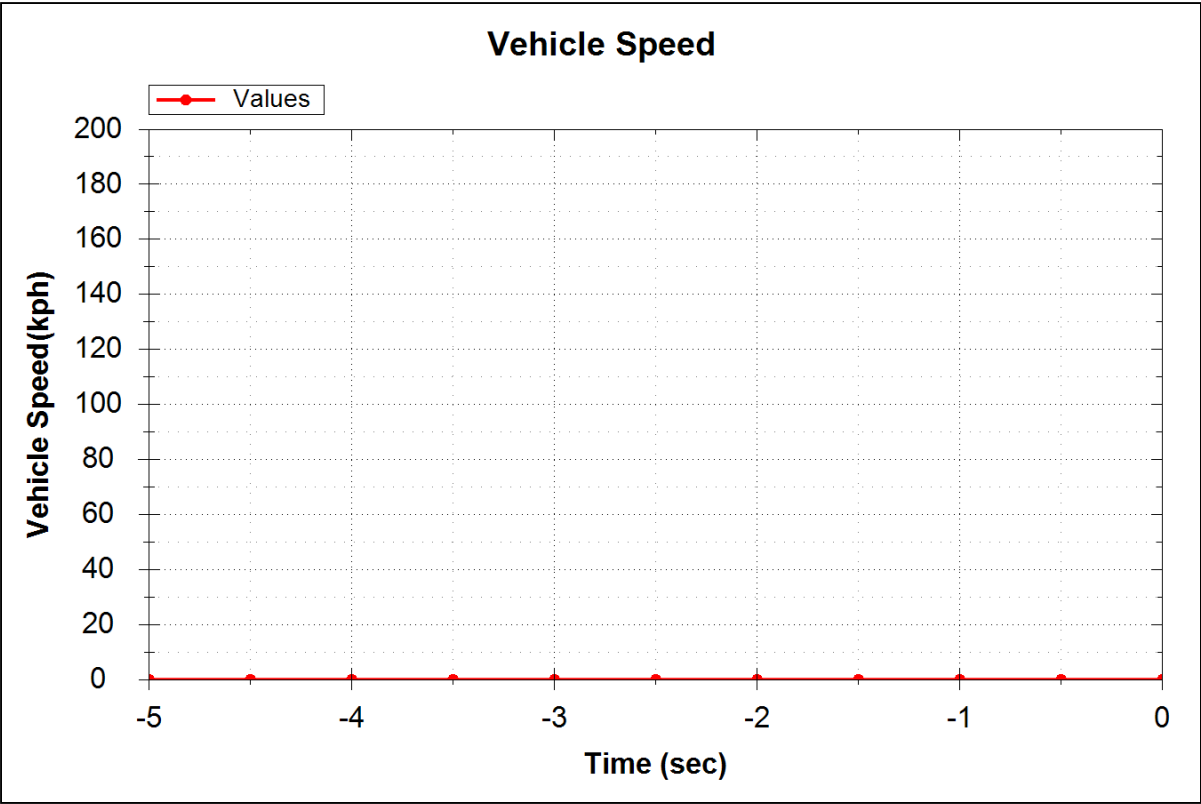
Num	Time (sec)	Vehicle Speed (kph)
1	-5.0	0
2	-4.5	0
3	-4.0	0
4	-3.5	0
5	-3.0	0
6	-2.5	0
7	-2.0	0
8	-1.5	0
9	-1.0	0
10	-0.5	0
11	0.0	0

2 [Engine Throttle]
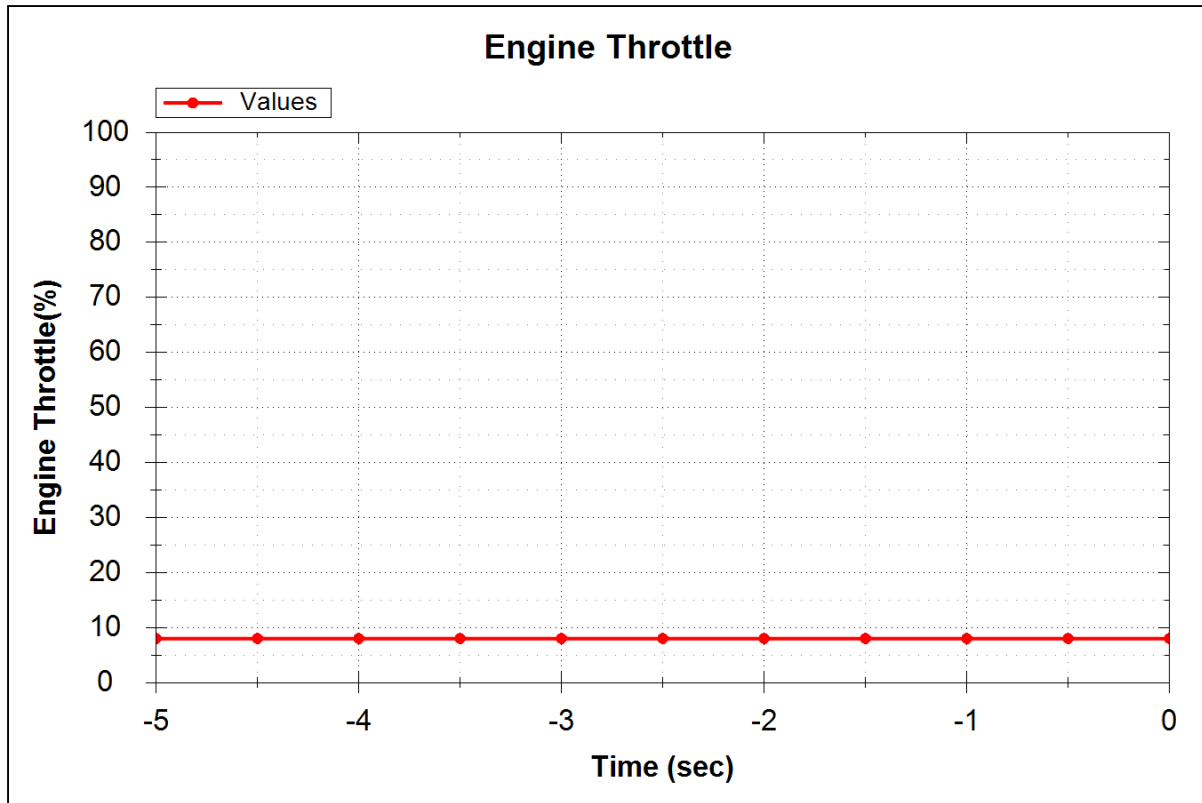
Engine Throttle

Num	Time (sec)	Engine Throttle (%)
1	-5.0	8
2	-4.5	8
3	-4.0	8
4	-3.5	8
5	-3.0	8
6	-2.5	8
7	-2.0	8
8	-1.5	8
9	-1.0	8
10	-0.5	8
11	0.0	8

3 [Service brake_ on/off]

Num	Time (sec)	Service brake_ on/off
1	-5.0	OFF
2	-4.5	OFF
3	-4.0	OFF
4	-3.5	OFF

5	-3.0	OFF
6	-2.5	OFF
7	-2.0	OFF
8	-1.5	OFF
9	-1.0	OFF
10	-0.5	OFF
11	0.0	OFF

4 [Ignition Cycle_ Crash]

Num	Ignition Cycle_ Crash (Cyc.)
1	103

5 [Safety belt status_ driver]

Num	Safety belt status_ driver
1	ON

6 [Airbag warning lamp on/off]

Num	Airbag warning lamp on/off
1	OFF

7 [Time to deploy_ Frontal airbag-1st stage_ driver]

Num	Time to deploy_ Frontal airbag-1st stage_ driver (ms)
1	No deployment

8 [Time to deploy_ Frontal airbag-1st stage_ passenger]

Num	Time to deploy_ Frontal airbag-1st stage_ passenger (ms)
1	No deployment

9 [Number of event]

Num	Number of event
1	1 event

10 [Time from Event 1 to 2]

Num	Time from Event 1 to 2 (ms)
1	0

11 [Completed file recorded]

Num	Completed file recorded
1	YES

12 [Engine RPM]
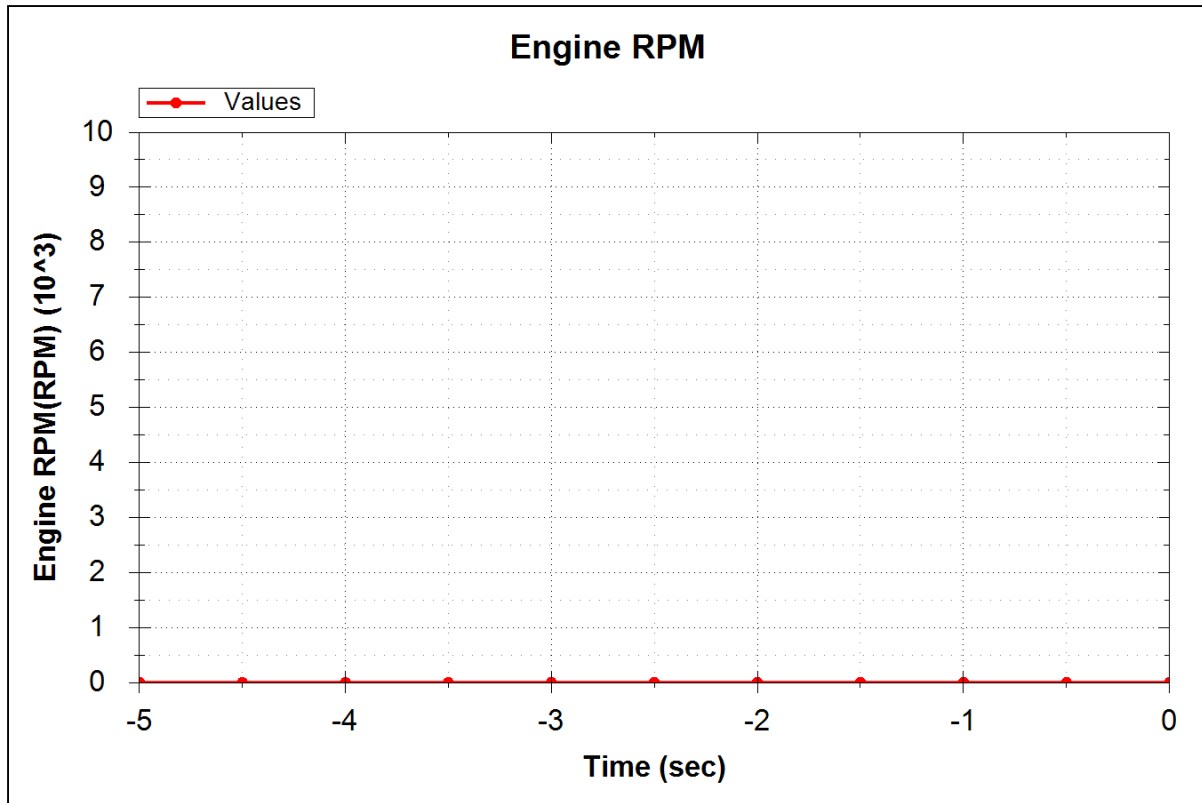
Engine RPM

Num	Time (sec)	Engine RPM (RPM)
1	-5.0	0
2	-4.5	0
3	-4.0	0
4	-3.5	0
5	-3.0	0
6	-2.5	0
7	-2.0	0
8	-1.5	0
9	-1.0	0
10	-0.5	0
11	0.0	0

13 [ABS activity]

Num	Time (sec)	ABS activity
1	-5.0	OFF
2	-4.5	OFF
3	-4.0	OFF
4	-3.5	OFF

5	-3.0	OFF
6	-2.5	OFF
7	-2.0	OFF
8	-1.5	OFF
9	-1.0	OFF
10	-0.5	OFF
11	0.0	OFF

14 [Stability control]

Num	Time (sec)	Stability control
1	-5.0	ON
2	-4.5	ON
3	-4.0	ON
4	-3.5	ON
5	-3.0	ON
6	-2.5	ON
7	-2.0	ON
8	-1.5	ON
9	-1.0	ON
10	-0.5	ON
11	0.0	ON

15 [Steering input]
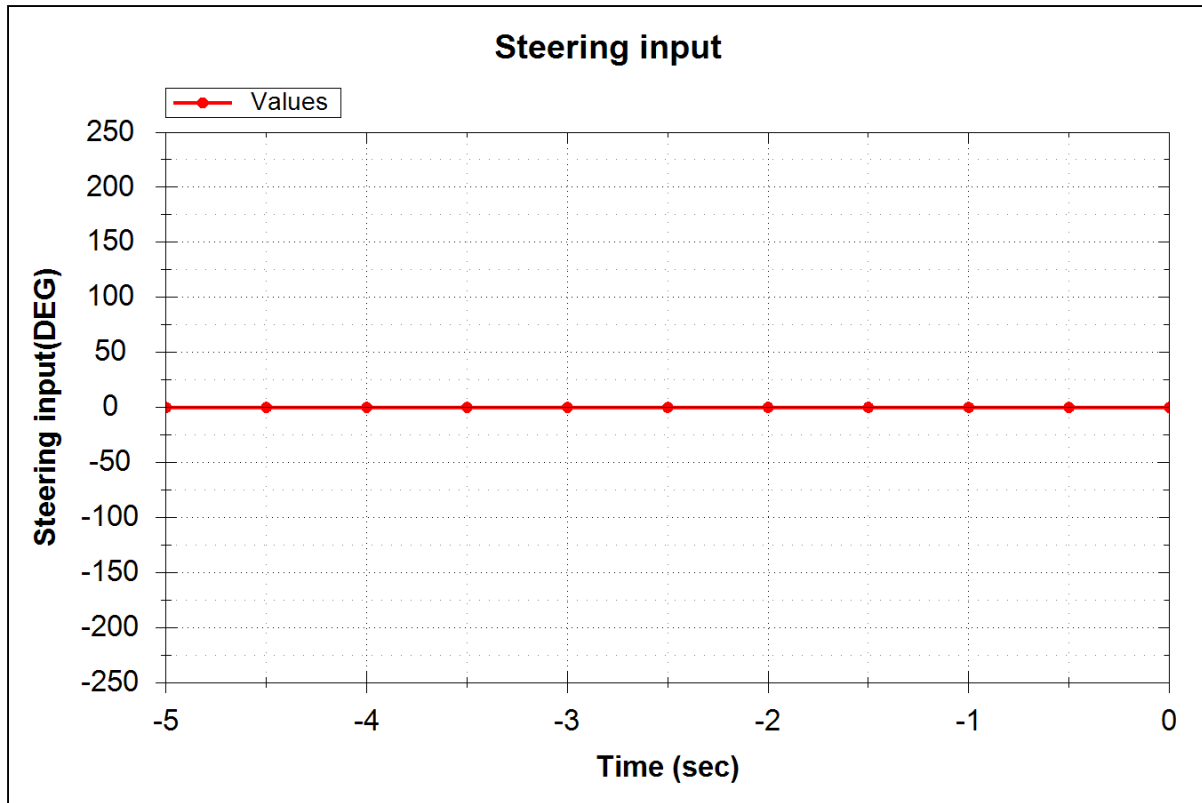
Steering input

Num	Time (sec)	Steering input (DEG)
1	-5.0	0
2	-4.5	0
3	-4.0	0
4	-3.5	0
5	-3.0	0
6	-2.5	0
7	-2.0	0
8	-1.5	0
9	-1.0	0
10	-0.5	0
11	0.0	0

Note) Positive value(CCW), Negative value(CW)

16 [Safety seat belt_ passenger]

Num	Safety seat belt_ passenger
1	OFF

17 [Seat track position switch_ foremost_ status_ driver]

Num	Seat track position switch_ foremost_ status_ driver
1	Not Supported

18 [Seat track position switch_ foremost_ status_ passenger]

Num	Seat track position switch_ foremost_ status_ passenger
1	Not Supported

19 [Occupant size(5th percentile female or larger) classification_ driver]

Num	Occupant size(5th percentile female or larger) classification_ driver
1	Not Supported

20 [Occupant size(Child) classification_ passenger]

Num	Occupant size(Child) classification_ passenger
1	Yes

21 [Time to deploy_ Frontal airbag-2nd stage_ driver]

Num	Time to deploy_ Frontal airbag-2nd stage_ driver (ms)
1	No deployment

22 [Time to deploy_ Frontal airbag-2nd stage_ passenger]

Num	Time to deploy_ Frontal airbag-2nd stage_ passenger (ms)
1	No deployment

23 [Time to deploy_ side airbag_ driver]

Num	Time to deploy_ side airbag_ driver (ms)
1	5

24 [Time to deploy_ side airbag_ passenger]

Num	Time to deploy_ side airbag_ passenger (ms)
1	No deployment

25 [Time to deploy_ curtain airbag_ driver]

Num	Time to deploy_ curtain airbag_ driver (ms)
1	5

26 [Time to deploy_ curtain airbag_ passenger]

Num	Time to deploy_ curtain airbag_ passenger (ms)
1	No deployment

27 [Time to fire_ pretensioner_ driver]

Num	Time to fire_ pretensioner_ driver (ms)
1	5

28 [Time to fire_ pretensioner_ passenger]

Num	Time to fire_ pretensioner_ passenger (ms)
1	No deployment

29 [Frontal airbag deployment_ Second stage disposal_ driver]

Num	Frontal airbag deployment_ Second stage disposal_ driver
1	NO

30 [Frontal airbag deployment_ Third stage disposal_ driver]

Num	Frontal airbag deployment_ Third stage disposal_ driver
1	NO

31 [Frontal airbag deployment_ Second stage disposal_ right front passenger]

Num	Frontal airbag deployment_ Second stage disposal_ right front passenger
1	NO

32 [Frontal airbag deployment_ Third stage disposal_ right front passenger]

Num	Frontal airbag deployment_ Third stage disposal_ right front passenger
1	NO

33 [Time to deploy_ Frontal airbag-3rd stage_ driver]
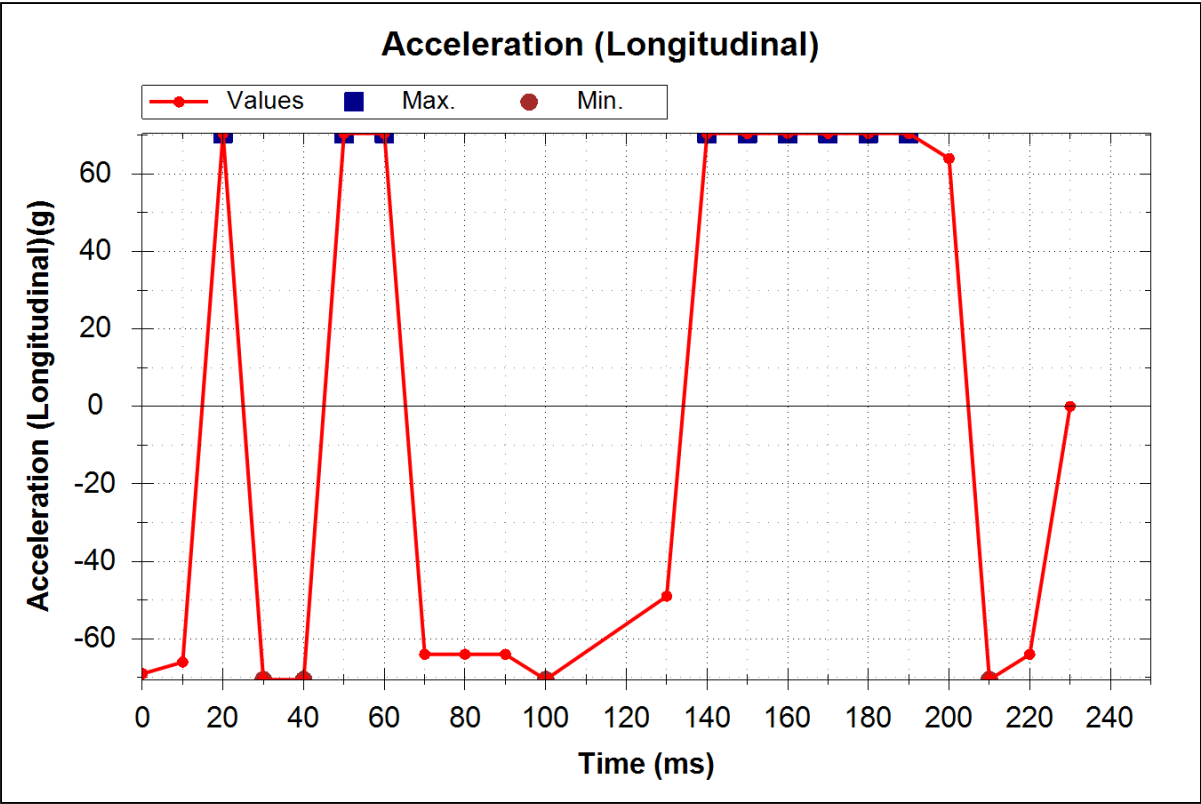   Not Supported...

# 34 [Time to deploy_ Frontal airbag-3rd stage_ passenger]
   Not Supported...

< Event # 1 - 3 >

1 [Acceleration (Longitudinal)]

Num	Time (ms)	Acceleration (Longitudinal) (g)
1	0.0	-69.0
2	10.0	-66.0
3	20.0	70.5
4	30.0	-70.5
5	40.0	-70.5
6	50.0	70.5
7	60.0	70.5
8	70.0	-64.0
9	80.0	-64.0
10	90.0	-64.0
11	100.0	-70.5
12	110.0	Invalid data
13	120.0	Invalid data
14	130.0	-49.0
15	140.0	70.5
16	150.0	70.5
17	160.0	70.5
18	170.0	70.5
19	180.0	70.5
20	190.0	70.5

21	200.0	64.0
22	210.0	-70.5
23	220.0	-64.0
24	230.0	0.0
25	240.0	Invalid data
26	250.0	Invalid data

2 [Acceleration (Lateral)]

Acceleration (Lateral)
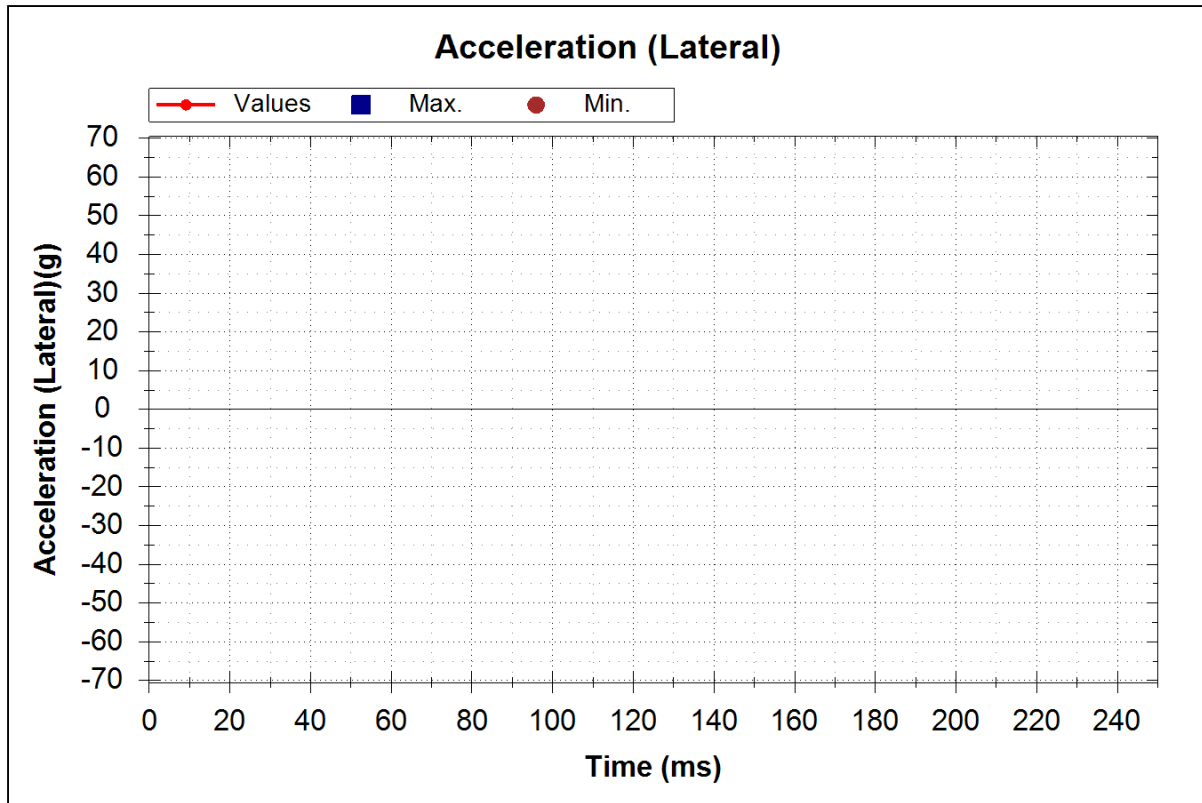
Num	Time (ms)	Acceleration (Lateral) (g)
1	0.0	Not supported
2	10.0	Not supported
3	20.0	Not supported
4	30.0	Not supported
5	40.0	Not supported
6	50.0	Not supported
7	60.0	Not supported
8	70.0	Not supported
9	80.0	Not supported
10	90.0	Not supported
11	100.0	Not supported
12	110.0	Not supported
13	120.0	Not supported

3 [Acceleration (Normal)]

Not Supported...

< Real-time Data >

1 [Ignition cycle_download]

Num	Ignition cycle_download (Cyc.)
1	104

< Event # 2 - 1 >

There is no recorded event.

< Event # 2 - 2 >

There is no recorded event.

< Event # 2 - 3 >

There is no recorded event.

< Real-time Data >

1 [Ignition cycle_download]

Num	Ignition cycle_download (Cyc.)
1	104

< Event # 1 - 1 >

07 DA 61 50 FF 00 00 00 7F 7F 7F 7E 7D 7B 79 78 77 76 77 78 78 78 78 78 78 78 78 78 FF
FF FF FF FF 76 23 7F 80 84 87 8B 8D 92 94 96 99 9B 9D 9F A0 A0 A0 A0 A0 A0 A0 A0 FF FF FF
FF FF A0 46 50 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00
00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00
00 00 00 00 00 00 03

< Event # 1 - 2 >

07 DA 61 51 FF FF FF 3F 00 00 00 00 00 00 00 00 00 00 00 08 08 08 08 08 08 08 08 08 08 08
55 55 15 00 67 01 00 00 00 00 00 01 00 00 00 00 00 00 00 00 00 00 00 00 00 00 55 55 15 7F
7F 7F 7F 7F 7F 7F 7F 7F 7F 7F 00 03 03 07 01 00 00 00 05 00 00 00 05 00 00 00 05 00 00 00
00

< Event # 1 - 3 >

07 DA 61 52 03 00 00 00 7F 75 7F 7B 84 70 70 74 78 8D 83 83 83 81 7F 7F 7F 7F 7F 7F 7E FF
FF FF FF FF 7F 9D 90 80 B9 9A 9D 94 8E 8D 8C 8A 84 84 80 7F 7D 7F 7F 7F 7F FF FF FF FF FF
00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00

< Real-time Data >

07 DA 61 D0 FF FF 0F 00 79 DF FA FF FF FF FF FF FF FF FF 00 00 FF FF FF FF 00 00 00 68

< Event # 2 - 1 >

There is no recorded event.

< Event # 2 - 2 >

There is no recorded event.

< Event # 2 - 3 >

There is no recorded event.

< Real-time Data >

07 DA 61 D0 FF FF 0F 00 79 DF FA FF FF FF FF FF FF FF FF 00 00 FF FF FF FF 00 00 00 68